AMENDED

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

-		MAY 2 0 1970 JUL 2 1970			
				3 1970 under 25618	
4(of ^D	The applicant Thermal Energy Company 4681 First National Bank Building Dallas Count				
	ate of Texas 75202 , hereby make				
wate	aters of the State of Nevada, as hereinafter stated. (If appli	cant i	is a	a corporation, give date and place of incorpor	
tion;	on; if a copartnership or association, give names of member	rs.)T	ľhe	nermal Energy Co., a Joint Venture	
com LaR	omposed of John D. Murchison, Jr., Planet 0	i18	<u> 1</u>	Mineral Corporation, and E. B.	
1.	The source of the proposed appropriation is Paleozo		1	Name of stream, take of other source.	
2.	2. The amount of water applied for is six				
	(a) If stored in reservoir give number of acre-feet Res	ervo	oi	ir capacity, 5,000 acre feet acre-fe	
3.	3. The water to be used for industrial cooling p	urpo	OS	Ses , manufacturing, domestic, or other use.	
4.	4. If use is for:				
	(a) Irrigation (state number of acres to be irrigated)				
5.	(b) Stockwater (state number and kinds of animals to	be wa	ate	ered)	
	(c) Other use (describe fully under "No. 11. Remarks"))			
	(d) Power:				
	(1) Horsepower developed				
	(2) Point of return of water to stream				
	5. The water is to be diverted from its source at the follow				
	32 T. 16S., R. 51E. M. D. B. &M. or at a popular or subdivision of public survey, and	nint	f	from which the NW corner of said	
	Section 32 bears N. 77° 11' 44" W. a digit should be stated.	stano	ce	e of 2,707.32 feet	
6.	6. Place of use North half Section 32, T.16S. Describe by legal subdivision	R. 511	E.	., Mt. Diablo Meridian, nsurveyed land it should be so stated.	
	Nye County, Nevada.				
					
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7.	7. Use will begin aboutJanuarylst and end a	bout		December 31st , of each year.	
8.	8. Description of proposed works. (Under the provisions	of NF	RS	S 535.010 you may be required to submit pla	
	and specifications of your diversion or storage works.)	To.	.be	ne gathered by pipeline, and divert	
	to a cooling reservoir State manner in which water is to be diverted, whether by dam or o	ther wo	ork	rks, whether through pipes, ditches, flumes, or other conduits.	
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9.	Estimated cost of works Well will cost approximately \$20,000.				
10.	Estimated time required to construct works Drilling and completing the well will require				
11.	approximately 1 month. Estimated time required to complete the application to beneficial use 2 - 6 yrs.				
12.	Remarks The principal use of the water would be for condenser cooling in an electric				
	power plant, which requires 15,000 acre feet per year for each 750 megawatts of ca-				
	pacity. It is proposed to complete to a minimum depth of 800 feet or 200 feet into				
	the carbonate rocks, a sufficient number of adequately spaced test wells to determine				
Ann	by prolonged pumping the approximate equilibrium rate of the carbonate rock reservoir. All wells will be cased and cemented through the valley fill section. Bicant Thermal Energy Company				
··PP	By s/ Robert J. McNutt				
PRO SEI	P. O. Box 539 pared km/bk Las Vegas, Nevada 89101 o. on 9/8/70 by Dept. of Fish & Game PRO: on 9/25/70 by Las Vegas Valley				
falla	wing limitations and conditions:				
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	amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and				
	o exceedcubic feet per second				
	f of construction work shall begin on or before				
	f of commencement of work shall be filed before				
	k must be prosecuted with reasonable diligence and be completed on or before				
	f of completion of work shall be filed before.				
	lication of water to beneficial use shall be made on or before				
	f of the application of water to beneficial use shall be filed on or before				
	in support of proof of beneficial use shall be filed on or before				
Çomı	nencement of work filed				
Cultu	of beneficial use filed				
Certif Recor	ricate No				
	WITHDRAWN SY APPLICANT County Recorder S 1970 State Engineer 218 (Rev. 1-70)				
Z	holand D. Westergand				